

Arboviral Surveillance Report

July 20, 2015

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 81 gravid traps. Mosquitoes were collected on two consecutive nights and tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts remain low in comparison to last year at the same time. However, this week 2 trap locations from southern Chicago collected WNV positive mosquitoes. Both collections contained *Culex restuans* which are primarily a bird-feeding species. The risk for WNV transmission remains low within the City.

Mosquitoes (data from 81 traps)

Week 28 (07/12/15 – 07/18/15)	
Total Collections (Number of Traps X Frequency of Collection)	152
Number of Female <i>Culex</i> Trapped and Tested	1379
Number of Pools Tested	120
Number of Pools Positive	2
Number of Community Areas with Positive Mosquitoes Pools	2
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1017
Number of Female <i>Culex</i> Trapped and Tested	6170
Number of Pools Tested	619
Number of Pools Positive	3
Number of Community Areas with Positive Mosquitoes Pools	3

Community Areas with Positive Mosquito Pools (Cumulative): O'Hare, Gr. Grand Crossing, West Pullman.

Dead birds: To date, three dead birds have been collected.

Humans: No human cases reported.

Risk Assessment

The risk of human West Nile virus infection is low.

Larval and Adult Mosquito Control Efforts

With the completion of formal catch basin treatments, CDPH began the weekly monitoring of application efficacy. As needed, re treatments will be performed throughout the summer.